

Application No.: 09/851832

Docket No.: SMQ-118/P6144

REMARKS

Claims 1-54 were presented for examination. The Examiner rejected claims 1-54 as anticipated by Prinzing (United States Patent No. 6, 496, 202, hereafter "Prinzing"). No claims have been added or amended. No new matter has been added. Claims 1-54 are now pending. Claims 1, 10, 19, 28, 37, and 46 are independent.

Rejection of Claims 1-54 Under 35 U.S.C. §102(e)

The Examiner rejected claims 1-54 as anticipated by Prinzing (United States Patent No. 6, 496, 202, hereafter "Prinzing"). For the reasons set forth below, Applicant respectfully traverses the rejection for the pending claims.

With respect to claims 1, 19, and 37, the Examiner states that Prinzing teaches the claimed invention. Prinzing fails to disclose receiving, with a user interface module, from the application program an interaction object, or generating output data to render on the output device from the interaction object. (See claim 1). Applicants' independent claims, claims 1, 19, and 37, and corresponding dependent claims 2-9, 20-27, and 38-45, include a user interface module, comprising a view and a controller, receiving an interaction object from an application program and generating output to render on the output device from the interaction object.

Prinzing fails to disclose receiving an interaction object. Applicant's claims include a user interface module receiving the interaction object from the model. The Examiner stated that Prinzing discussed using a GUI in order to send and receive the command and to view the model as depicted in figures 4, 5, and 8 and in the abstract, and the Examiner cited a description in Prinzing of a factory creating a view comprised of view fragment instances (See Office Action, page 3). The Examiner also cited a controller receiving change inputs and sending the change inputs to a model (See Office Action, page 3). However, Prinzing relies upon a factory creating a view and on a controller sending changes to the model, neither of which suggests a user interface module receiving an interaction object *from* the model or a user interface module generating output data to render on the output device from the interaction object.

Prinzing also fails to disclose a user interface module comprising a view and a controller. The claimed invention includes an interaction object used in updating a view, the interaction object provided from the controller directly to view, both of which reside on a single user interface module. The Examiner stated that Prinzing discusses the interaction object and the user interface module in figure 4 and in column 4, lines 30-35 (See Office Action, page 3).

Application No.: 09/851832

Docket No.: SMQ-118/P6144

Prinzing describes a standard MVC paradigm in Figure 4, which is a block diagram of a controller 402 sending a change to both a view 406 and a model 404, the view 406 sending a retrieve message to the model 404 and the model 404 sending a notify message to the view 406. In the claimed invention, the controller receives an interaction object *from* the model and transfers the object directly to the view, within a *single* user interface module, for rendering output data. Nothing in Prinzing discloses the combination of the view with the controller from the Model/View/Controller architecture, or the creation of a user interface module comprising both the view and the controller in which the controller receives an interaction object from the model and transfer the interaction object to the view. At no point in Prinzing does the model transmit an object of any kind, or send communication of any kind, to the controller. Additionally, the controller in Prinzing does not add user input to an existing object of any kind before sending an object to the model. In contrast, in the claimed invention, the controller requests and receives an interaction object from the model, provides that interaction object to the view and receives user input in response to that interaction object, which the controller then returns to the model. Describing communication between three separate objects in the MVC paradigm does not describe a combination of two of those objects into a single user interface module. Nor does discussing communication between objects disclose passing an interface object between subsystems on a single object. Prinzing fails to disclose each and every element of the claimed invention.

Accordingly, since Prinzing fails to disclose all of the elements of claims 1-54, Applicants request the withdrawal of the rejections and the allowance of the claims.

Application No.: 09/851832

Docket No.: SMQ-118/P6144

CONCLUSION

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

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